

ABSTRACT

A winding device of a winding wheel and a wire includes an elastically rotatable turning wheel having a flexibly connected fixed shaft, wheel breadths defining a left wheel breadth and a right wheel breadth, and a continuous wire defining left and right wires. A number of rounds of the left wire wound at the left wheel breadth is at least one more than that of the right wire wound at the right wheel breadth, such that when the left and right wires are released from the left and right wheel breadths to reach outer dead centers thereof, at least one round of basic coil of the left wire still tightly binds around the left wheel breadth and remains unreleased. The wire (signal wire) is prevented from damages and displacements resulted from shear force between the wire and wedge apertures at the wheel breadths when repeatedly withdrawn and pulled thereof.